

**NATIONAL CAPITAL AREA ARC/INFO USERS GROUP  
REGIONAL CONFERENCE  
OCTOBER 25 & 26, 1993  
THE MARYLAND INN, LAUREL, MARYLAND**

**W**elcome to the third National Capital Area ARC/INFO Users Group Regional Conference. In response to user's requests, this conference emphasizes applications and technologies from the community, as well as new product information from ESRI.

**General Conference Information**

- **Lunch** will be served in the pool area at noon each day.
- **Vendors** are located in the Harbor Room adjacent to the meeting rooms. The vendor area will be open from 9:00 am to 6:00 pm on Monday and from 8:30 am to 5 pm on Tuesday.
- **Soda Breaks** will be served in the vendor area at 2:50 pm each day.
- **Coffee and danish** will be available in the vendor area on Tuesday morning.
- **The Social Hour** will be held by the pool on Monday, from 4:00 to 6:00 pm. There will be snacks as well as a cash bar.
- **The Doctor's Office**, staffed by ESRI, will be open from 12:00 - 7:00 pm on Monday and from 9:00 am - 5:00 pm on Tuesday. It is located in hotel room 110, by the pool.
- **Messages** can be taken directly through the hotel at (301) 776-5300. The message board is by the conference registration desk.
- **Job announcements and resumes** can be posted on the job board, located by the conference registration desk.
- **Poster contest winners** will be announced at the closing session on Tuesday. Please see Gani Adeyemi or Vicki DeFries for additional information.
- **Door prizes** will be awarded at the closing session on Tuesday. Please deposit one marked ticket in the box at the registration desk for the drawings (hang on to the other).
- **Restrooms** are located down the hall to the left when exiting from the session rooms.

Thank you for your participation in making this conference a success!

**PROGRAM**  
**DAY 1 • MONDAY, OCTOBER 25, 1993**

	<b>SESSION 1 FEDERAL ROOM</b>	<b>SESSION 2 FREESTATE ROOM</b>
9:00-9:30 AM	<b>REGISTRATION</b>	
9:30-10:15AM	<b>Keynote Speaker</b> <b>Mr. Daniel M. Cotter</b> Senior Technical Advisor, Federal Emergency Management Agency (FEMA)	
10:15-10:30AM	<b>Break</b>	
10:30-12:00	<b>ArcStorm, 7.0, Avenue</b> <b>Mr. Scott Morehouse, ESRI</b>	
12:00-1:00 PM	<b>Lunch</b> served in the pool area	
1:00-1:50 PM	<b>Structured Methodology for Development of GIS Training</b> Mr. Myles Powers, Michael Baker, Jr., Inc. Mr. Daniel Feinberg, G & O, Ms. Pam Brown, G & O A discussion of how a customized training program was developed for Emergency Management Institute and how it can be applied to creating other training programs.	<b>Address Matching Theory and Techniques</b> Mr. Matt Jaro, MatchWare Technology Theoretic approach to address matching that uses probability theory to gain very high rates of matches.
2:00-2:50 PM	<b>Meeting the Needs of Senior Management to Implement GIS</b> Mr. Richard Campbell, WSSC Mr. Richard Leadbeater, WSSC Addressing information needs of senior management to make decisions on implementing GIS. Discussion of strategies such as training management and preparing cost/benefit analysis.	<b>Using Cursors with a Forms AML</b> Dr. Xiaoyi Zhang, Dewberry and Davis Focus on an application where the cursor mechanism is used within a forms AML to step through files and check attribute items against a specified list of valid codes. If any errors are detected, the process stops and the INFO table is called so that any necessary corrections can be made.
3:00-3:50 PM	<b>GIS Activities by the Members of Institute for Land Information (ILI)</b> Ms. Rebecca Somers Ms. Marie-Agnes Bertaud, World Bank Mr. Ralph Heimlich, USDA Mr. Robert Griffiths, COG/TPB A look at GIS applications implemented by the World Bank, Federal, State, and local governments.	<b>An Open Technical Discussion</b> Mr. Dan Thomas, Innovative Systems Developers, Inc. An open session where technical problems can be posed and solutions discussed.
4:00-6:00 PM	<b>Vendors in the Harbor Room</b> <b>Social Hour by the pool</b>	

**PROGRAM**  
**DAY 2 • TUESDAY, OCTOBER 26, 1993**

	<b>SESSION 1 FEDERAL ROOM</b>	<b>SESSION 2 FREESTATE ROOM</b>
9:00-9:50 AM	<p><b>Buld a GIS in 10 Days or 10 Years: Development Strategies</b>            Ms. Rebecca Somers, Somers-St.Claire            Although some organizations build GIS with extensive resources and long time frames, useful GIS can be developed for relatively small investments. Even those organizations that plan bigger efforts can start small and achieve early success, while slowly developing the larger system.</p>	<p><b>National Spatial Data Infrastructure (NSDI)</b>            Ms. Nancy Tosta, Chief, Branch of Geographic Data Coordination, USGS            Technical and policy perspective of NSDI, plus its status and current activities.</p>
10:00-10:50 AM	<p><b>Data Sharing in the Washington Metropolitan Area</b>            Mr. Bob Shipman, I-NET, Inc.            Representatives of local government, regional agencies and local utilities will describe their GIS programs and data that is available. This is a follow up session from the conference in January, 1993</p>	<p><b>GIS Image Integration</b>            Dr. David Maune, Dewberry and Davis            Global Positioning System (GPS) van equipped with stereo cameras – satellite multispectral imagery – Landsat 6 panchromatic imagery with 15 meter resolution – Digital Orthophoto Quarter Quads – digital hand-held cameras – electronic scanners. Current or emerging technologies that enable raster imagery to be integrated with GIS vector data to assist decision making will be described.</p>
11:00-11:50 AM	<p><b>GPS Applications for GIS</b>            Mr. Doug Richman, GeoMetrics GPS, Inc.            A look at how the new GPS technology is making GIS more efficient.</p>	<p><del><b>Technology Integration</b>            Dr. Jay Morgan, Towson State University            A look at integration of raster Landsat data with PC ARC/INFO.</del></p>
12:00-1:00 PM	<b>Lunch served in the pool area</b>	
1:00-1:50 PM	<p><b>A Technical Session on GPS</b>            Mr. Hugh Johnston, Trimbull Navigation            An explanation of the principles of GPS technology in the GIS industry.</p>	<p><b>Training and Education in GIS</b>            Dr. Derek Thompson, U. of Md.            A panel of representatives will discuss available GIS and ARC/INFO educational opportunities.</p>
2:00-2:50 PM	<p><b>Primary Steps in Bulding and Updating Digital Property Maps</b>            Mr. Gene Brooks, Mr. Winfield Vining, MNCPPC            Examining the issues and policies necessary to build and update digital property maps with public and private sector participation.</p>	<p><b>GIS Technology in the Library of Congress</b>            Mr. Gary Fitzpatrick, Library of Congress            A look at how the Library of Congress is using ARCVIEW with its GIS activities.</p>
3:00-3:50 PM	<p><b>Problems Associated with the Integration of an Environmental Model with GIS: A Case Study</b>            Mr. Peter Pace, Vitro Corp.            The functionality of environmental models is enhanced when integrated with GIS. The integration process is affected by how the model handles spatial and attribute data. A case study of problems encountered when attempting to integrate the GRACE model (Graphical Remediation and Cost Evaluation) into ARC/INFO.</p>	<p><b>GIS - Mapping the Civil War</b>            Ms. Carolyn Stremple, Ms. Nell Dietrele, National Park Service            Integrating technologies for battlefield mapping.</p>
4:00-5:00 PM	Questions from the user community to ESRI chaired by Mr. Dave Beddoe of the Reston office.	

## National Capital Area ARC/INFO Users Group

### Business

Board of Director's nominations were received as follows:

Vicki DeFries - President (current)  
Sue Hoegberg - Secretary (current)  
Bob Cooper - Treasurer (current)  
Larry Newman - member (current)  
Amir Razavi - member  
Nicole Soltyka - member

A reminder about the Towson State University GIS Conference  
March 31, and April 1, 1994:

There will be a users groups dinner meeting at TSU on Thursday, March 31.  
Jack Dangermond will be speaking.